

FIG. 1

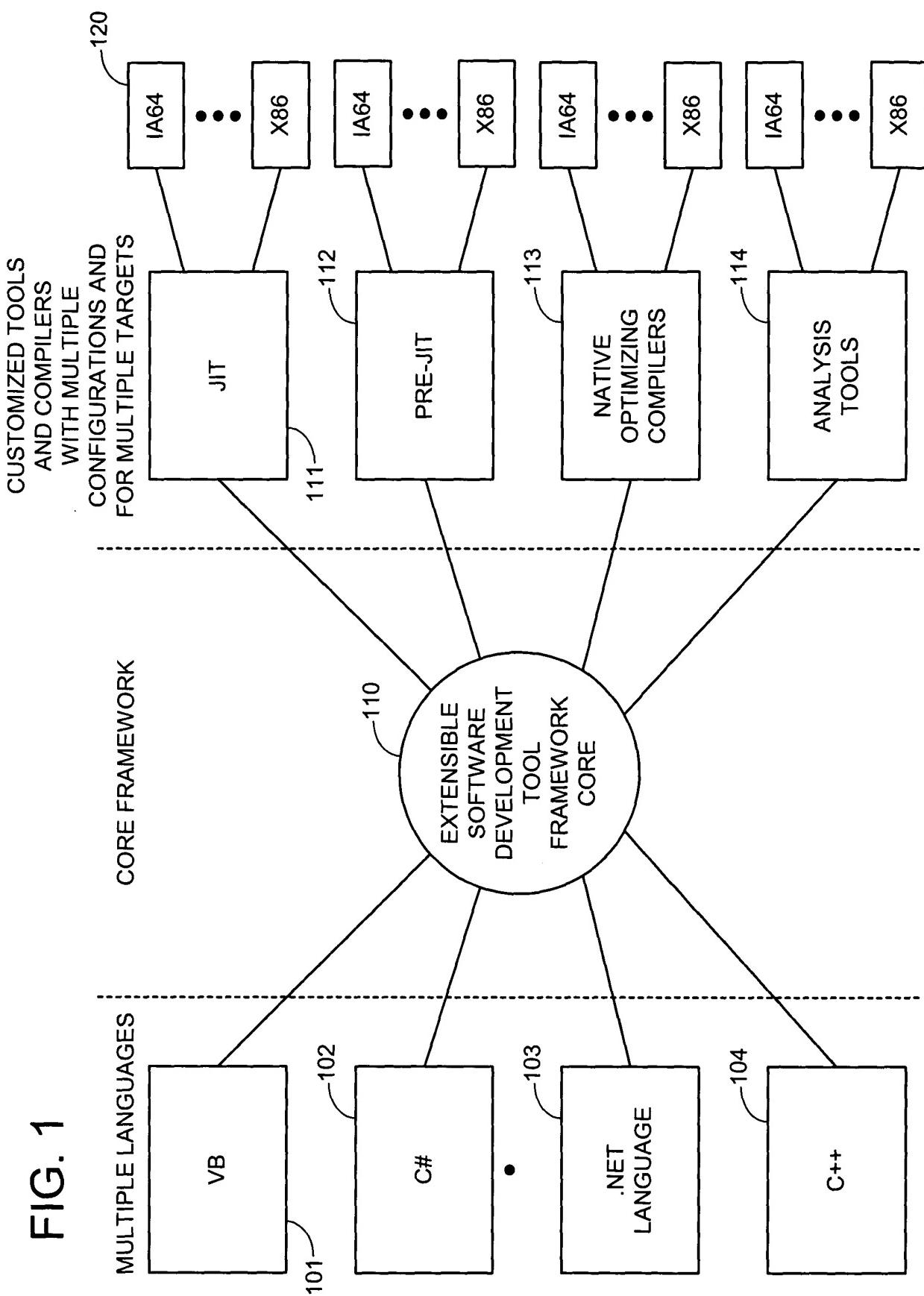


FIG. 2A

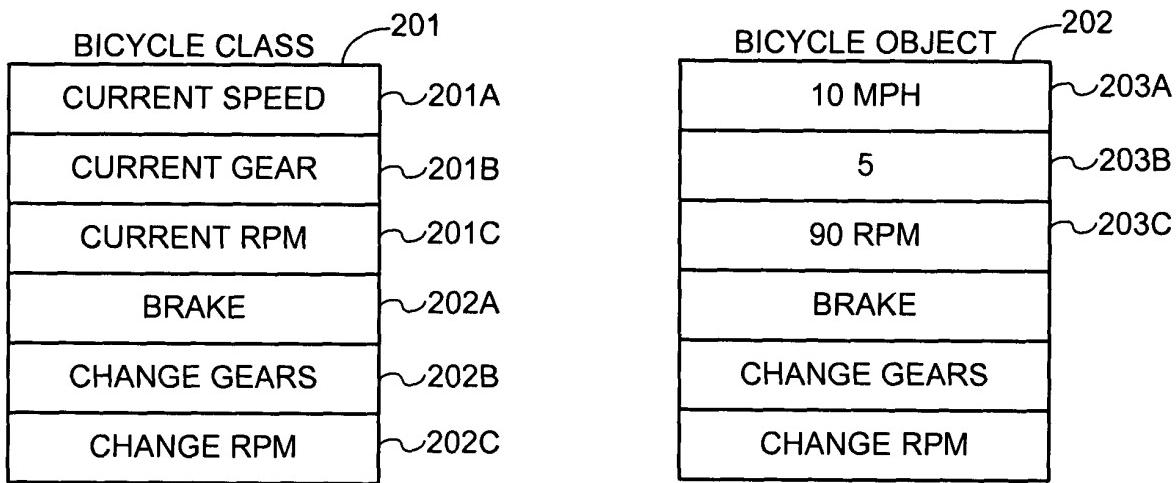


FIG. 2B

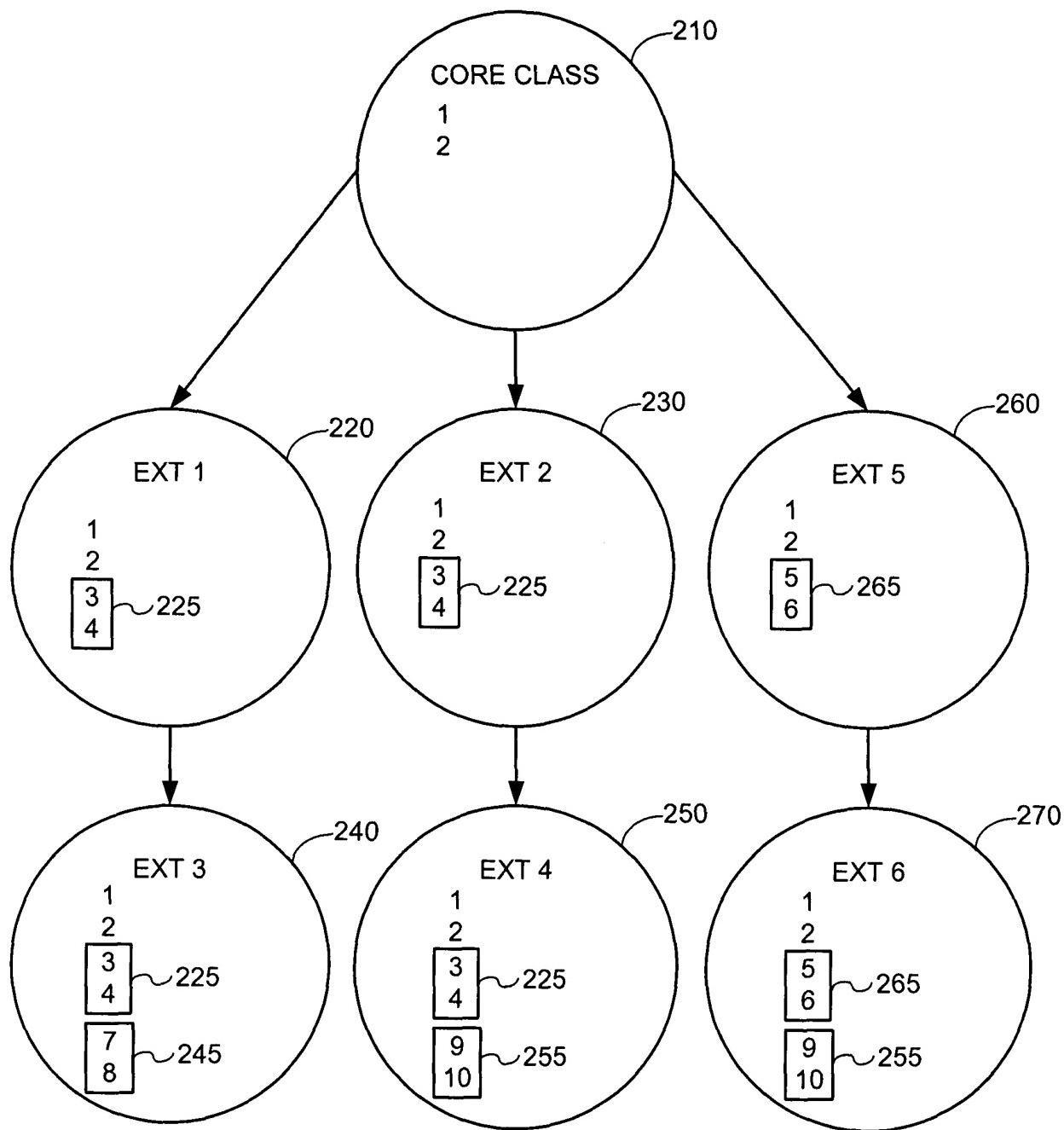


FIG. 3A

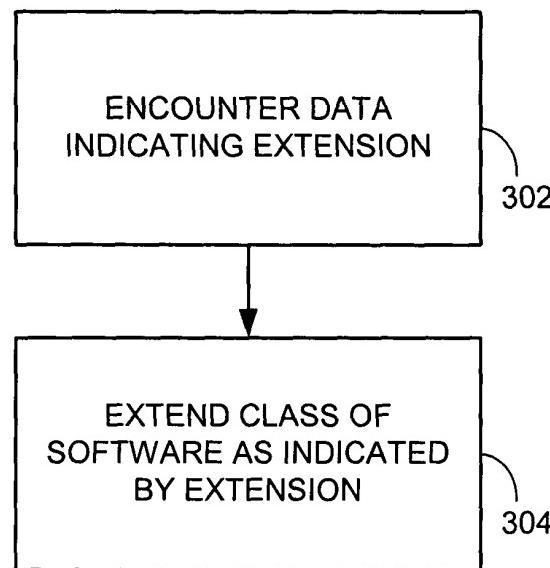


FIG. 3B

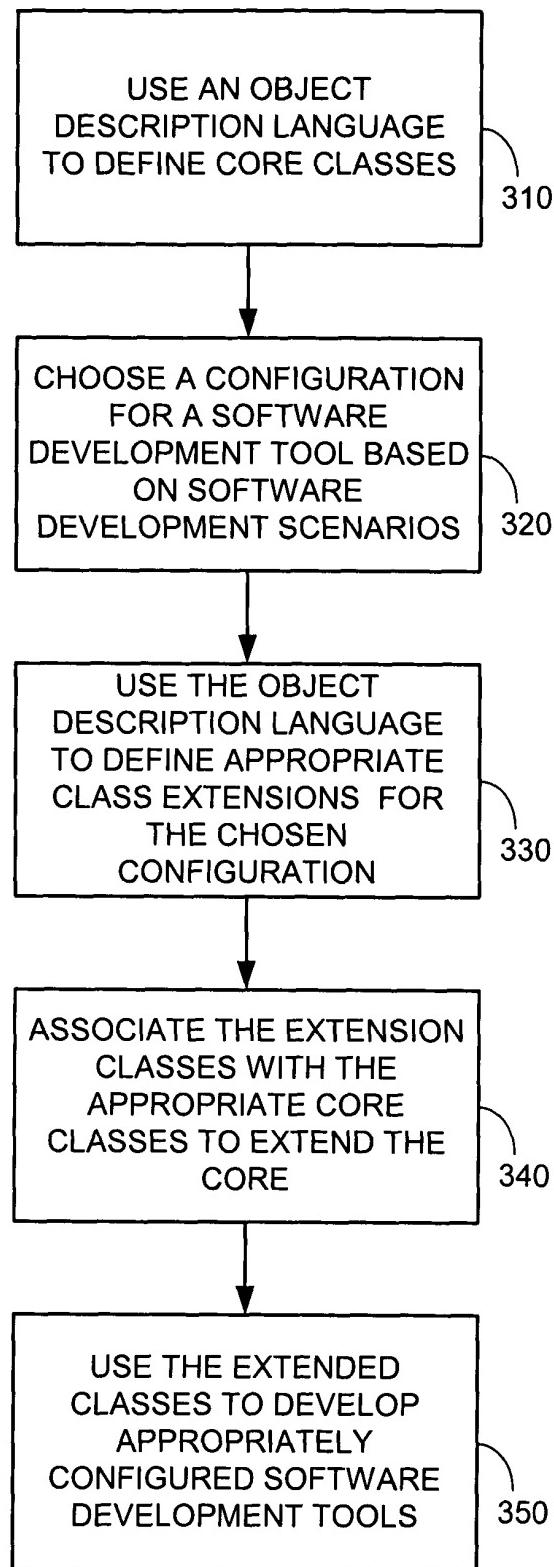


FIG. 4A

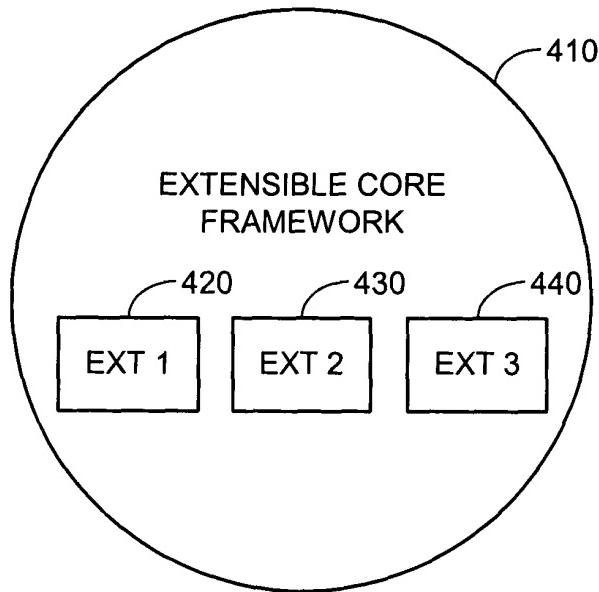


FIG. 4B

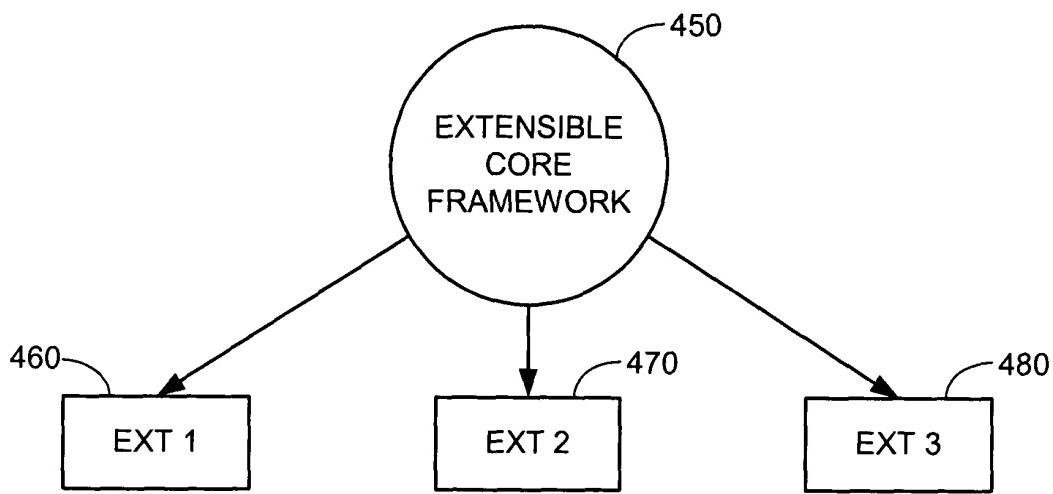


FIG. 5

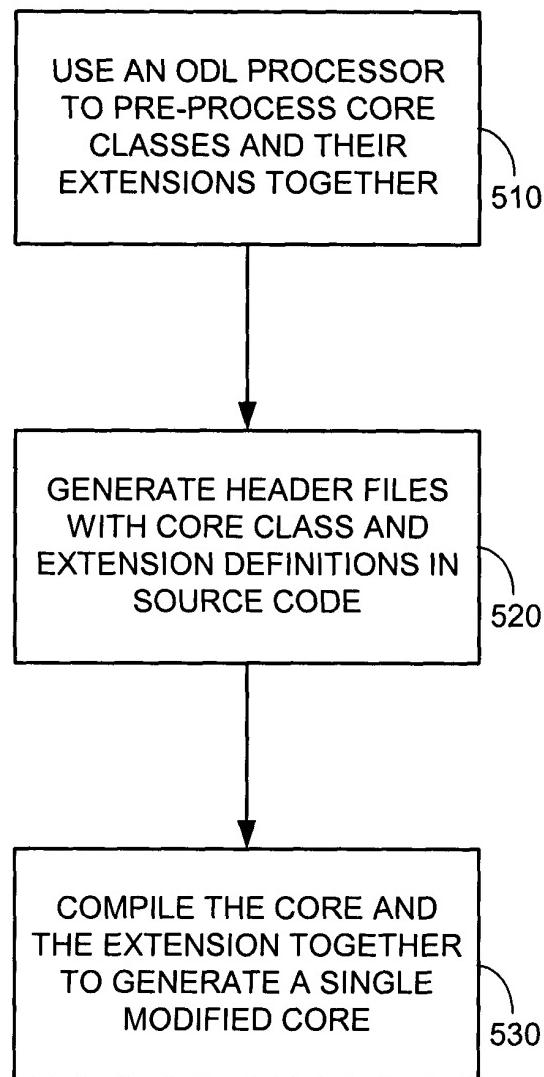


FIG. 6

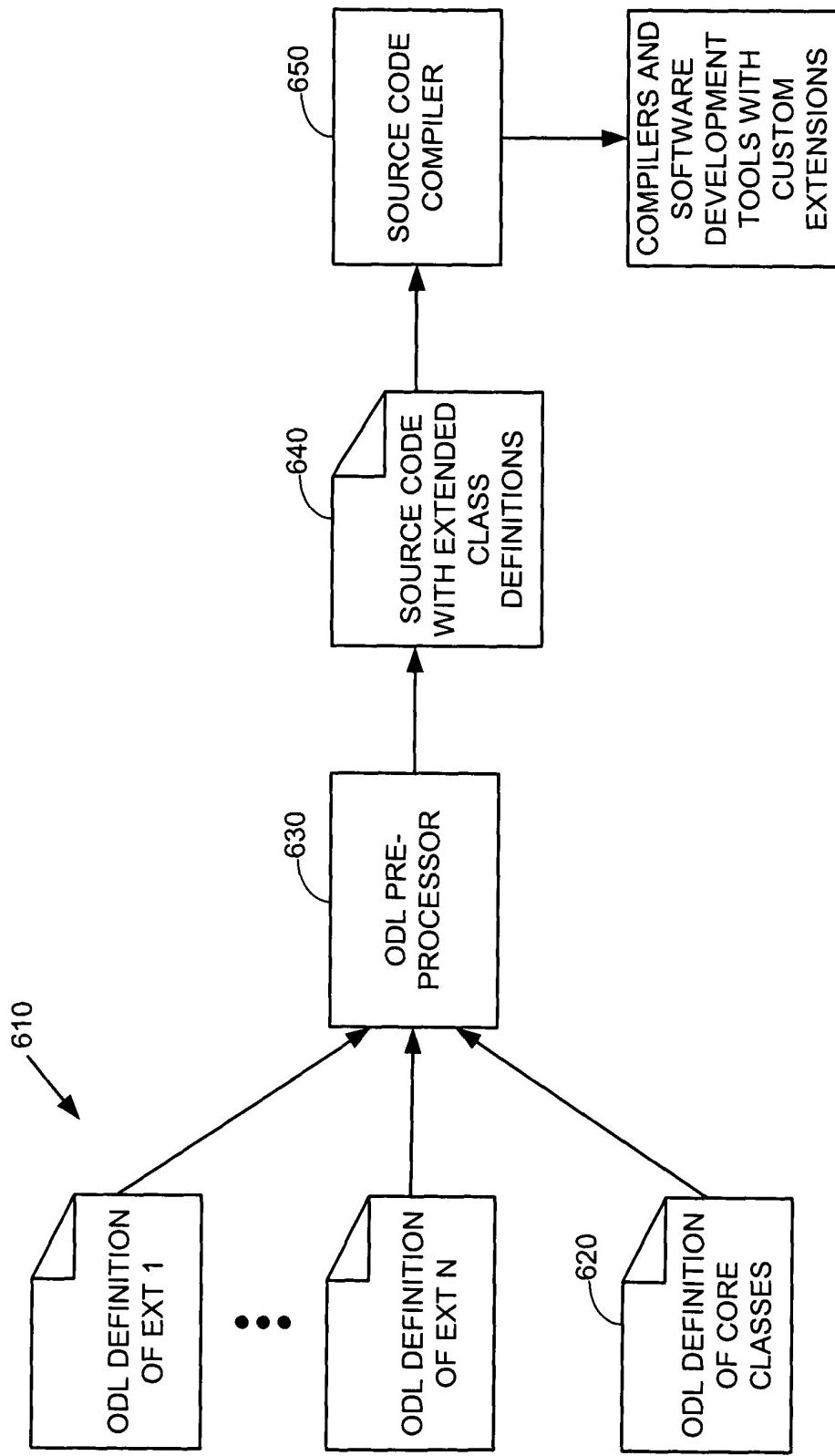
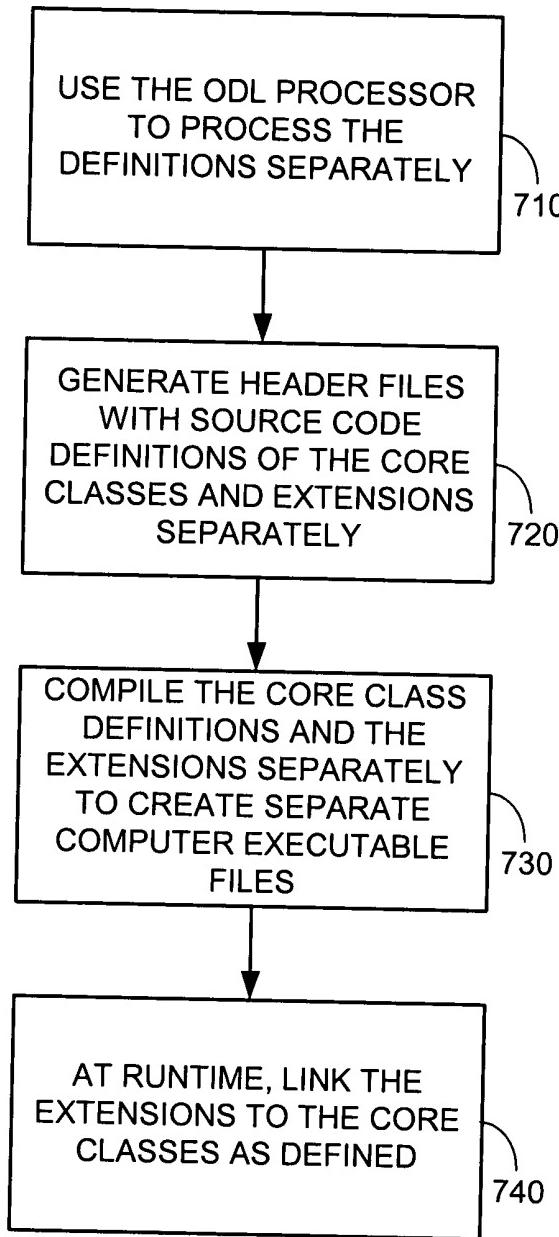


FIG. 7



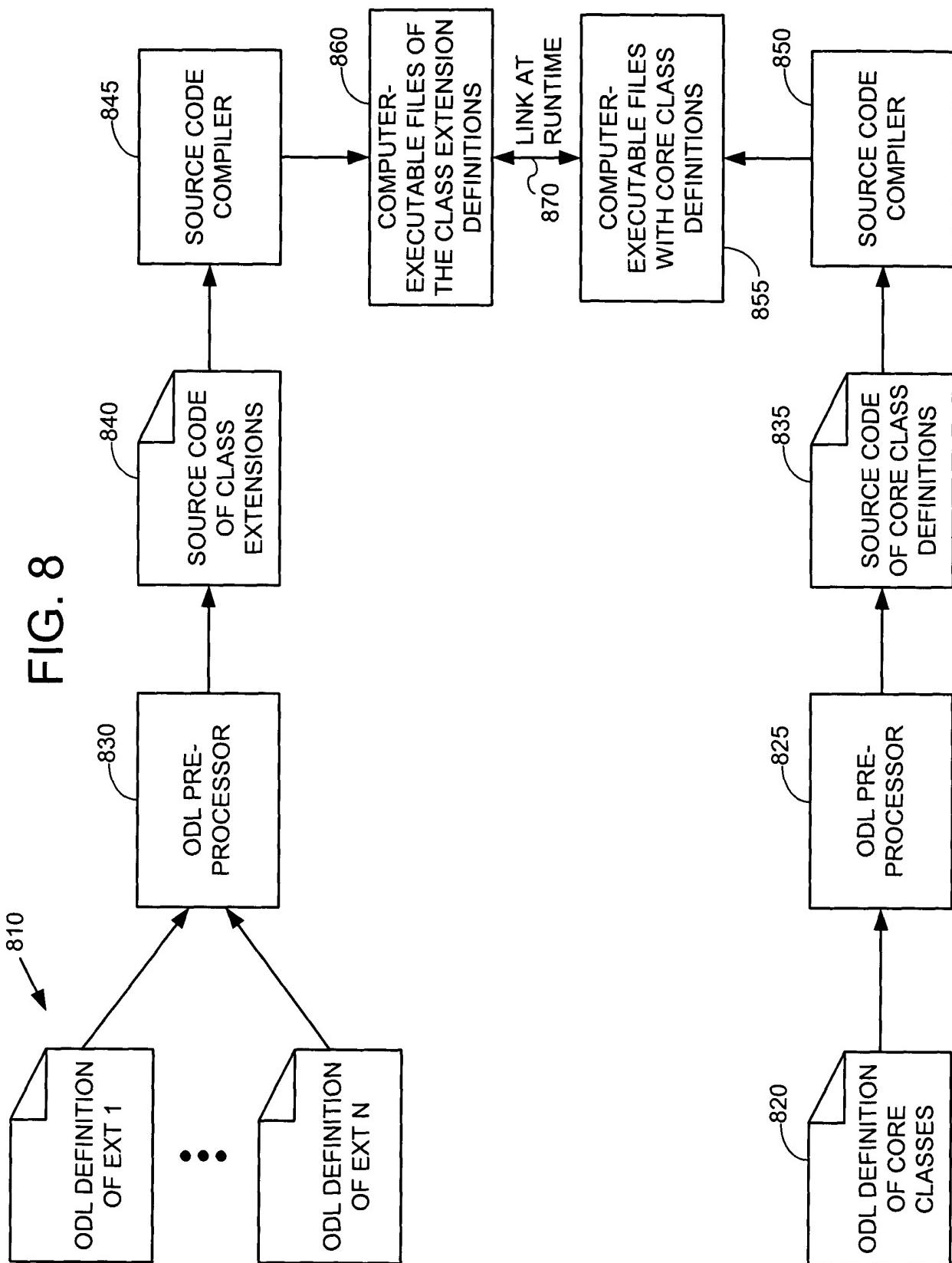


FIG. 9A

900

```
911 Public [...] ~ 913
      Class SYM {
912      PHX :: TYPE TYPE; ~ 914
      NAME :: NAME ~ 915
    };
```

FIG. 9B

920

```
927 Extend class SYM [JIT]
      Class JITSYM {
928      JIT RELATED EXTENSION ~ 926
    }
925 Extend class SYM [IA-64]
      Class IA-64SYM {
930      IA-64 RELATED EXTENSION; ~ 931
    }
```

FIG. 9C

940

```
Public
Class SYM {
  PHX :: TYPE TYPE; ~ 914
  NAME :: NAME; ~ 915
  JIT RELATED EXTENSION; ~ 926
  IA-64 TARGET RELATED EXTENSION; ~ 931
}
```

FIG. 10A

1011

```
Public [Extensible, gc]
Class INSTR {
    OPCODE
    SRC LIST
    DEST LIST 1012
};
```

1010

This diagram shows a code snippet within a rectangular box. The code defines a class named 'INSTR' with three fields: 'OPCODE', 'SRC LIST', and 'DEST LIST'. The 'SRC LIST' field is associated with reference number 1012. The entire code block is associated with reference number 1011. An arrow labeled 1010 points to the right edge of the box.

FIG. 10B

1023 1024 1025

```
Public [gc, IA-64]
Class IA-64INSTR Extends Class INSTR {
    HINTBITS ~1021
    PREDICATES ~1022
}
```

1020

This diagram shows a code snippet within a rectangular box. The code defines a class named 'IA-64INSTR' that extends 'Class INSTR'. It contains two fields: 'HINTBITS' and 'PREDICATES'. The 'HINTBITS' field is associated with reference number 1021, and the 'PREDICATES' field is associated with reference number 1022. The entire code block is associated with reference number 1020. Arrows labeled 1023, 1024, and 1025 point to the 'HINTBITS', 'PREDICATES', and closing brace of the code block respectively.

FIG. 10C

1030

```
Class INSTR {
    OPCODE
    SRL LIST
    DESTLIST
    GET HINTBITS
    SET HINTBITS
    GET PREDICATE
    SET PREDICATE
}
```

1031

This diagram shows a code snippet within a rectangular box. The code defines a class named 'INSTR' with four methods: 'GET HINTBITS', 'SET HINTBITS', 'GET PREDICATE', and 'SET PREDICATE'. The 'GET HINTBITS' and 'SET HINTBITS' methods are associated with reference number 1031. The entire code block is associated with reference number 1030. Arrows point from the method names to the corresponding labels.

FIG. 11A

1110

1111

```
Public [Extensible, gc]
Class INSTR {
    OPCODE
    SRL LIST
    DEST LIST
    Extension Point FOO(); ~1112
```

FIG. 11B

1120

```
PUBLIC [gc, IA-64]
CLASS IA-64INSTR Extends Class INSTR {
    HINTBITS ~1121
    PREDICATES ~1122
    DEFINITION OF FOO () ~1123
};
```

FIG. 12

